

## A B S T R A C T

## AN IMPROVED ROUTER WITH RESOURCE ADD AND/OR DROP FACILITY

5           A router includes a first processing module (1)  
adapted to route primary resources as a function of  
instructions received, inputs (2) adapted to feed the  
first processing module (1) with primary resources,  
10           outputs (3) adapted to collect primary resources switched  
by said first processing module (1), a second processing  
module (6) adapted to process secondary resources to be  
added or dropped, and coupling means (9) including a drop  
15           bus (8) and/or an add bus (7) and adapted, on the  
instructions of the control means (15), to drop either  
the whole of a primary resource arriving at one of said  
inputs (2) and/or outputs (3) or a portion thereof to  
20           feed said second processing module (6), and/or to add a  
secondary resource processed by said second processing  
module to a primary resource received at one of said  
inputs (2) and/or outputs (3) and in transit to a common  
destination.

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35           Translation of the title and the abstract as they were when originally filed by the  
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38.2, and/or 48.3.